

EXHIBIT D1

Brian D. Parker, M.D

1 IN THE UNITED STATES DISTRICT COURT
2 FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA
3 CHARLESTON DIVISION
4
5
6

7 IN RE: ETHICON, INC., PELVIC : MASTER FILE NO.
8 REPAIR SYSTEM PRODUCTS : 2:12-MD-02327
9 LIABILITY LITIGATION : MDL NO. 2327

9 :
10 THIS DOCUMENT RELATES TO ALL :
11 WAVE 4 AND SUBSEQUENT WAVE CASES : JOSEPH R. GOODWIN
12 AND PLAINTIFFS: : U.S. DISTRICT JUDGE
13 :
14 Rebecca Melton :
15 CASE NO. 2:12-cv-04094 :
16

17 Transcript of deposition of BRIAN D. PARKER, M.D.,
18 taken by Charlene M. Shade, LCR, Notary Public, at the
19 Hilton Garden Inn West, 216 Peregrine Way, Knoxville,
20 Tennessee on Tuesday, March 14, 2017, commencing at 8:30
21 a.m.
22
23
24
25

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1 Q. And have you served as an expert before?

2 A. No.

3 Q. Have you been involved with Ethicon in any
4 other capacity as a consultant?

5 A. No.

6 Q. In looking at your CV, I saw that you may
7 have been involved with another device manufacturer. What
8 other manufacturers have you been involved with consulting?

9 A. With Galil Medical. They have a
10 cryoablation machine for malignancy. I'm a proctor for
11 Medtronic and for Coloplast. I'm a proctor for their Altis
12 line.

13 Q. How long have you been a proctor for
14 Coloplast?

15 A. Well, probably three years, but, honestly,
16 I've only proctored a few times. Yeah, probably about
17 three years.

18 Q. And how long have you been performing
19 procedures that include vaginal mesh products?

20 A. Since residency, so that would be
21 somewhere around two thousand and -- no. Let's see. Yeah,
22 probably around 2001, 2002.

23 Q. Do you recall what the first mesh product
24 was that you were familiar with?

25 A. The TVT retropubic.

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1 events that you may have treated?

2 A. Well, I'm not in an academic setting so I
3 really don't have a need -- or it's not the need, but I
4 don't have -- I'm not doing studies on my patients, so I
5 don't have a registry.

6 Q. That was going to be my next question
7 actually. Have you been involved with any studies or
8 registries with regards to the sling?

9 A. No.

10 Q. Doctor, do you also implant POP devices?

11 A. No.

12 Q. Doctor, are you familiar with the
13 difference between mechanically-cut versus laser-cut
14 meshes?

15 A. I am.

16 Q. Tell me what your understanding is of the
17 difference between those two devices.

18 A. Well, one is actually physically cut with
19 some type of shears or some type of device, and the other
20 one is cut on the side with a laser to give you the device
21 shape. I don't know anything more than that, though, how
22 they do it.

23 Q. And have you implanted both types of mesh?

24 A. I assume I have. I know I have. I know I
25 have because TVT-Secur is laser cut and the TVT-O is, for

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1 the most part, mechanically cut.

2 Q. Do you recognize any differences between
3 the meshes, the two types of meshes, when you look at them
4 or feel them?

5 A. I don't notice any differences when I feel
6 them. The only difference you can see is when the laser
7 has come across the edge, there may be more of a
8 heat-sealed type of look on the side of it. But there's
9 no -- other than that, they feel the same, they look the
10 same, yeah. It's not something in residency or in training
11 that has been brought up. But, yeah, I know now.

12 Q. Are you familiar with the differences in
13 the type of adverse reactions that are associated between
14 the two types of devices?

15 MR. WALKER: Object to form.

16 A. No. Honestly, I haven't seen anything
17 like that in the literature. It appears to me that the
18 adverse events are about the same.

19 Q. Have you ever witnessed in your practice
20 with the meshes that you have implanted that were
21 mechanically cut -- have you ever witnessed any particle
22 loss on those products before you implanted them?

23 A. Not that I'm aware of.

24 Q. Were you aware that the mechanically-cut
25 meshes could lose particles or fray?

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1 when you're done. I'm not going to ask you to
2 remember anything you read on it, but just in
3 general ask you some questions when you're done..

4 THE WITNESS: Here you go.

5 BY MS. BAGGETT:

6 Q. And after reviewing that document, would
7 it appear to you that Ethicon was aware, at least as early
8 as 1987, of the potential for their prolene sutures
9 material to degrade?

10 MR. WALKER: Object to form.

11 A. The way I'll answer that is prolene has
12 been around for 50 years, has been used in multiple
13 different settings, transplant surgery, cardiovascular
14 surgery, and it continues to be used. It's still on the
15 market. And so whether there's some findings of changes in
16 the mesh or not or on the prolene suture or not, you know,
17 clinically, it really has no -- there's really nothing that
18 I can -- from a clinical standpoint, there's no adverse
19 events that we've been able to determine.

20 Q. When you were being trained on devices
21 manufactured by Ethicon, you understood that those devices
22 all contained the same type of polypropylene; the TVT, the
23 TVT obturator and TVT-S devices all contained the same type
24 of mesh, which was the prolene mesh, correct?

25 A. Yes.

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1 Q. And you knew that those were made from the
2 same material that the sutures were made from. Is that
3 accurate?

4 A. Yes.

5 Q. And were you aware back at that time of
6 the potential for the sutures to become degraded?

7 MR. WALKER: Object to form.

8 A. I disagree with that. I would have to
9 think that something that would be used as a suture for
10 vessels would have to be proven to be non-degradable. And
11 so based on that and the fact that I've seen the mesh after
12 it's been removed and there's no visible change in the
13 mesh, I really can't agree with the initial premise of your
14 question.

15 Q. I think my question was just simply did
16 you know that the polypropylene had a tendency to degrade
17 after implantation back when you were being trained on the
18 devices.

19 MR. WALKER: Object to form.

20 A. Well, are you basing it on that one
21 article?

22 Q. Well, I'm just asking --

23 A. Because from a clinical standpoint, we
24 would assume all surgeons are trained to look at prolene
25 suture as a non-degradable suture. So that is the premise

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1 that I came into this with and continue to use, not that --
2 well, I'll just stop with that.

3 Q. When was the first time you had heard of
4 the potential of degradation with regard to polypropylene?

5 A. Not until late last year.

6 Q. When you began preparing for your report?

7 A. Yes, ma'am.

8 Q. I'm going to show you a document that's
9 marked ETH.MESH.00004755, and I'll represent to you that
10 this was another document that was produced in the
11 discovery of this case. And this document is also dated in
12 1988, and it just has some notes with regard to some
13 explants, and I just want you to look at it and then I'll
14 briefly ask you a question.

15 A. Okay. You can ask me.

16 Q. Sure. What does this appear to be to you?

17 A. These are -- these are explants of
18 something and it describes whether there's cracking or not
19 cracking. I don't -- these are explanted something or
20 other. I don't know exactly what these are.

21 Do you know what those are?

22 Q. Well, I don't want to misrepresent
23 anything on the record, but my understanding was
24 polypropylene material that had been explanted.

25 The next document I'm going to hand you is

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1 there, depends on how open that is, but then also up to the
2 academic guys, yeah.

3 Q. Are you suggesting with this section that
4 when a manufacturer learns about something good or bad that
5 they should share that information --

6 MR. WALKER: Object to form.

7 MS. BAGGETT: -- with the medical
8 community?

9 THE WITNESS: I think that's something
10 that each individual -- well, I think that's
11 something that each individual company has to
12 decide on their own. And then I think also that
13 it's not necessarily something they have to share
14 with the community, but it's something that needs
15 to be evaluated and looked at and discussed.

16 I mean, look, there's no perfect procedure for
17 anything and so it always can be improved upon.
18 And that's my point, is if we just said, oh, this
19 is perfect, we never have any issues with
20 anything, then there's never this idea about
21 improving upon what we already have.

22 BY MS. BAGGETT:

23 Q. Do you hold any opinions or are you
24 familiar with the FDA review process for getting devices to
25 the market?

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1 A. On the surface, but nothing in detail.

2 Q. You're not going to hold any opinions here
3 today as to whether or not Ethicon complied with the FDA
4 regulations for marketing their products?

5 A. I know they went through the proper
6 channels to get the FDA to approve it. From a physician's
7 standpoint, that's really all that I'm concerned about.

8 Q. What do you base that knowledge on?

9 A. I'm not sure I understand what you're
10 asking me.

11 Q. Well, you said the fact that they were
12 approved through the FDA.

13 A. Well, I guess I'll put it to you simply
14 this way. As a clinician, if I know it's FDA approved,
15 then I feel like that's an adequate way for each individual
16 product to be cleared. And the amount of hurdles it has to
17 go through to pass the FDA is substantial enough that
18 that's their job, that's their role as a regulatory -- you
19 know, I'm not a regulator so I don't know all the rules and
20 regulations. But I do know once it comes to market that,
21 you know, we should feel that the FDA has done their due
22 diligence.

23 Q. And are you familiar with the difference
24 between having a product cleared versus approved?

25 A. Yes.

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1 Q. And what is your understanding of that
2 distinction?

3 A. One has to do with devices and one has to
4 do with medications.

5 Q. Are you familiar with something called the
6 (510)k process?

7 A. Through my review of things I have become
8 familiar with it somewhat.

9 Q. What's your understanding of the
10 difference between the 510(k) process and pre-market
11 approval process?

12 A. It seems to me the 510(k) process -- and,
13 again, I'm not a regulator so I'm talking off-the-cuff a
14 little bit -- is when another device is already approved,
15 and based on that device they can move the FDA process a
16 little bit quicker in order to -- because there's already
17 been safety and efficacy from the previous product, they
18 can use that as their basis to get another product
19 approved.

20 Q. So would you agree that that process is a
21 little less intensive for the manufacturer than the
22 full-blown pre-market approval process?

23 A. Likely, but I have no way of knowing that.

24 Q. And are you familiar with the process by
25 which the FDA actually scrutinizes the devices before they

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1 are put on the market?

2 A. I have no inside information on that,
3 ma'am.

4 Q. You mentioned earlier that the FDA does
5 its due diligence. What did you mean by that?

6 A. Well, I mean, it's hard to get any product
7 on the market in America versus in a lot of other
8 countries. And so I think that's -- because of that, I
9 mean, the products that come out are generally viewed as
10 being tested of some sort, that they are safe, that they
11 say what they intend to do.

12 So when they actually come on the market,
13 as physicians we don't have to go through that whole
14 process and review each step of the way. We just have to
15 assume that the FDA has their regulations they meet and
16 once it hits the market that we should feel comfortable
17 with it. I think if each individual clinician had to go
18 back and review the process that it took for each
19 individual product that comes to market, that would be too
20 onerous. There's no need for that, so...

21 Q. And you agree that that's the way it
22 should be, that in order for a product to make it through
23 that process, that the proper studies had been done and
24 that there was some showing that the product was indeed
25 safe and effective?

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1 MR. WALKER: Object to form.

2 A. I think that the FDA has decided, in many
3 years, that there are certain processes to go through, and
4 I can't disagree with FDA's approval process.

5 Q. Are you here today offering any opinions
6 on whether or not Ethicon complied with all the FDA
7 regulations with regards to the studies and the data in
8 order to get the products brought to market?

9 MR. WALKER: Object to form.

10 A. The FDA approves the products. They're on
11 the market so I have to assume that that was adequate for
12 the FDA. Again, I'm not a regulator; I'm just a clinician.

13 Q. And that's what I'm trying to get at. Are
14 you going to be offering any opinions with regard to that
15 process and whether or not Ethicon complied with that
16 process?

17 A. I'm not a regulator so I can't comment on
18 the regulations that go along with that.

19 Q. So, no, you won't be?

20 A. No.

21 Q. Thank you.

22 MR. WALKER: Can we take five minutes?

23 MS. BAGGETT: Sure.

24 (Thereupon a break was taken from 10:39
25 a.m. to 10:45 a.m.)

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1 weren't sterilized and reused. So each kit had an
2 individual trocar.

3 Q. And other than the sling -- and I know you
4 said you don't do POP procedures, but other than those type
5 procedures, is a trocar something you use in your normal
6 practice in any other procedures?

7 A. Yes.

8 Q. What type of procedures?

9 A. Interstim, and there's a trocar that
10 passes the wire or the lead underneath the skin from the
11 sacrum over to the battery site.

12 Q. Is that something that's supplied with the
13 Interstim device as well?

14 A. Yes.

15 Q. Now, do you train others how to implant
16 these devices?

17 A. I do.

18 Q. And by that I meant the TVT devices, the
19 TVT-Secur, the TVT retropubic.

20 A. No, I do not.

21 Q. Are you holding any opinions here today as
22 to whether or not Ethicon's training materials and
23 professional education were adequate with regard to the
24 TVT-O and the TVT-S devices that we're here today about?

25 A. Yes.

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1 Q. And what are those opinions?

2 A. They were adequate.

3 Q. And did you review all of the materials,
4 the professional education materials, within Ethicon in
5 formulating that opinion?

6 A. That's part of it, yes, ma'am.

7 Q. Did you also review internal materials
8 with regards to the development of the procedure as it was
9 laid out in the IFU?

10 A. I'm not sure I'm following on that.
11 Because what I thought you were meaning was as a surgeon
12 operating on a patient, do you rely on the professional
13 handouts. And so for that I agree. But as a clinician and
14 a surgeon, you wouldn't have privy to those other
15 documents. If you're asking as an expert witness if I'm
16 relying on those things, that's different than just me
17 being a surgeon and operating.

18 Q. I guess that's where I was going with
19 that. Are you holding any opinions today with regards to
20 the materials that were used to train doctors as to whether
21 that information, those materials, were adequate in this
22 case?

23 A. Yes.

24 Q. You do have opinions, and that's based off
25 of --

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1 A. That's based off everything I saw.

2 Q. So that would include the materials, the
3 internal Ethicon documents --

4 A. Uh-huh.

5 Q. -- and all the training materials
6 associated with the device?

7 A. Yes, ma'am.

8 Q. And you've read all of them?

9 A. I think so, but I couldn't -- I don't know
10 that I've seen every one of them, but all the ones that I
11 saw I think I looked at and read.

12 Q. And have you heard of -- have you seen
13 what is referred to as a cookbook with regards to the
14 TVT-S?

15 A. Cookbook?

16 Q. In the materials you reviewed, did
17 anything --

18 A. Well, maybe it's the same thing I'm
19 thinking of. But it was kind of like there are like Tips &
20 Tricks? Yeah, I do remember seeing that.

21 Q. Do you recall whether or not the Tips &
22 Tricks were similar to the instructions that were included
23 in the original IFU, the instructions for use?

24 A. I believe the Tips & Tricks came out later
25 to help speed up the learning curve.

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1 the body, the more the body is going to have to respond to
2 address that foreign body. Would you agree with that?

3 A. I agree that the larger surface area,
4 there's more contact with the tissue, but the actual amount
5 of reaction doesn't increase in that specific spot for that
6 particular piece of mesh or prolene or whatever foreign
7 body we're talking about.

8 Q. And with regards to the -- you were
9 discussing the difference in mesh weaves and the size. Do
10 you have any understanding of how the porosity of a device
11 affects the surface area that comes in contact with the
12 body?

13 A. Yes.

14 Q. What is that understanding?

15 A. That anything bigger than 75 microns is a
16 large enough pore size to allow ingrowth of fibroblast and
17 macrophages and the normal healing that you'd see.

18 Q. Have you reviewed materials with regards
19 to the pore size in the devices we're talking about today?

20 A. Yes.

21 Q. What materials did you review to get your
22 understanding of the pore size in the TVT-R, the TVT-O and
23 the TVT-S devices?

24 A. I don't remember the name of the document.
25 I don't recall the name, but I know I looked at it multiple

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1 times.

2 Q. What is your understanding of the porosity
3 of the TVT-R, the TVT-O and the TVT-S devices?

4 A. Those are all 1.37 microns; 1,379 microns.
5 I'm sorry.

6 Q. Are you familiar with the term "effective
7 porosity"?

8 A. Not specifically.

9 Q. Do you -- in your experience with the
10 meshes that you've implanted, you understand that the mesh
11 is flexible, correct?

12 A. I agree.

13 Q. And that it stretches. It's elastic in
14 some aspects. Is that true?

15 A. It is.

16 Q. Do you have an understanding of whether or
17 not stretching the material changes the porosity?

18 A. If I took the mesh and I pulled it like
19 this, would it change the form, the size of the pores?

20 Q. Yes, sir.

21 A. I would expect so.

22 Q. Do you have an understanding of whether or
23 not the mesh -- once it has been stretched or put under
24 tension, whether or not the mesh regains the original pore
25 size or if it remains collapsed?

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1 MR. WALKER: Object to form.

2 A. I don't know specifically, but I would
3 think if it hits a certain threshold, it would probably not
4 regain its form.

5 Q. Would that be important with regard to
6 tissue ingrowth once the device is implanted?

7 A. No.

8 Q. It would not?

9 A. The reason being, is there is no
10 physiologic force that can stretch that material in a way
11 that it can't be -- there's no force that can stretch that
12 material that it would change the pore size of any
13 significance.

14 Q. Do you agree that when the mesh is placed
15 initially in the body that the woman is usually in a
16 position where she is laying down to where there's no
17 tension on the mesh with regards to the organs that it's
18 supporting, the lithotomy position?

19 A. The lithotomy position. That's the normal
20 position to place it, yeah.

21 Q. Does the tension that is placed on the
22 mesh change when the woman stands up?

23 A. Ever so slightly.

24 Q. And by "ever so slightly," do you have an
25 understanding of how much it changes?

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1 A. No, I do not have like a number of newtons
2 of cavity that pulls on there. I do know that it's nothing
3 that would be significant enough to change the size of the
4 mesh, because the mesh itself when removed has no real
5 changes in its visible properties.

6 Q. And that's your understanding, that the
7 mesh pores remain constant after insertion?

8 MR. WALKER: Object to form.

9 A. I think the pores can change minimally,
10 but nothing of any substance. And that's due to mainly,
11 probably, from the actual healing process itself. You
12 know, once the healing process starts, then you see
13 probably a -- you know, it gets to a certain point and it's
14 not going to change at all.

15 Q. But before the healing process starts, do
16 you have an understanding of whether or not the mere fact
17 that a woman standing up or having a body function and
18 putting tension on the mesh, if that has any effect on the
19 porosity before the tissue has a chance to get incorporated
20 into the mesh?

21 MR. WALKER: Object to form.

22 A. It's my understanding that that's not
23 enough physiologic force to change any -- have any
24 long-term change in the mesh.

25 Q. And you said earlier the prolene mesh --

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1 do you know what the different categories of porosity are
2 with regard to the mesh devices? Have you heard of the
3 term "microporous"?

4 A. Yes. I've seen studies on type I, II,
5 III, and IV mesh.

6 Q. And which category do you put the prolene
7 mesh that's used in the devices we're talking about today?
8 Which category does that fall under?

9 A. I believe that's type I, macroporous mesh.

10 Q. And do you have an understanding of
11 whether or not the mesh used in the prolene mesh -- do you
12 have an understanding of whether or not the prolene mesh
13 that's used in the devices we're here to talk about today,
14 whether or not that is considered heavyweight or
15 lightweight mesh?

16 A. Well, describe heavyweight and lightweight
17 to me. I think the weight is dependent upon how you're
18 placing it, how you're utilizing that within the body. So
19 I think the definitions I've seen, different definitions, I
20 don't think there's a consensus on that. I think that's
21 kind of a -- I can't find literature that would say this is
22 a consensus, heavyweight, lightweight. But in reality, the
23 amount of weight is pretty minimal when you're actually
24 placing it underneath the urethra. I really can't comment
25 on heavyweight and lightweight. My suspicion is that it's

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1 the appropriate weight.

2 Q. Are you aware of any concerns, either
3 through the literature or within the medical community,
4 that the heavier weight meshes, the more complications you
5 see? Are you aware of anything like that, or the
6 difference between a macroporous versus a microporous mesh
7 and the outcomes?

8 MR. WALKER: Object to form.

9 A. I think you're asking me two different
10 things, because a macroporous mesh and a microporous mesh,
11 I think there's studies on there as far as how the patient
12 heals. As far as heavyweight and lightweight mesh, that's
13 more of an arbitrary discussion and, again, one that I
14 think falls short when it talks about midurethral slings.

15 I think that's helpful maybe when you're
16 talking about hernia repairs or big pieces of mesh that are
17 placed, but when we're talking about such a small area --
18 and I've done the math on it. I looked at all the
19 different slings and tried to figure what actual weight
20 you're actually seeing when you place it under the
21 midurethra, and there's very significant little difference.
22 I mean, there's miniscule, you know, micrograms of
23 difference when you actually get that piece of mesh and
24 determine the weight and then the length of all the
25 different ones.

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1 So I'm not -- it's not the heaviest
2 weight, it's not the lightest weight, but it's the
3 appropriate weight to do what it does.

4 Q. Are you familiar with internal documents
5 within Ethicon that discuss the need for a lighter weight,
6 larger pore mesh?

7 MR. WALKER: Object to form.

8 A. Uh-huh.

9 Q. And are you familiar with the devices that
10 were developed -- or excuse me -- the mesh material that
11 was developed in an attempt to obtain a lighter weight,
12 larger pore mesh for use in the application similar to the
13 devices we're here to talk about today?

14 MR. WALKER: Object to form.

15 A. I've seen documents on different types of
16 meshes used from internal documents from Ethicon.

17 Q. And if there were studies that suggest
18 that a lighter weight, larger pore mesh resulted in safer
19 and better outcomes, would you expect the company to use
20 that mesh if it's available to them?

21 MR. WALKER: Object to form.

22 A. Well, you're asking me a hypothetical
23 question, correct? Because that device doesn't exist, or
24 that mesh, that I'm aware of, doesn't exist. So any
25 studies on that would have to be done in the same exact way

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1 that the TVT retropubic or TVT-O or TVT-Secur was done in
2 order to get results that are comparable. And I don't know
3 those.

4 Q. Are you familiar with the pelvic organ
5 prolapse devices that were manufactured by Ethicon?

6 A. I know they exist, and that's about the
7 end of my knowledge.

8 Q. So you're not aware of what type of mesh
9 is used in those products versus the stress urinary
10 incontinence device?

11 A. I think along the way somewhere I may have
12 heard there's a different mesh, but I don't know a lot of
13 the details because I never implanted those.

14 Q. So if the mesh that was used in the pelvic
15 organ prolapse devices was lighter weight and larger pore,
16 would you expect the mesh being used in all of their
17 products to be changed in order to obtain the best possible
18 outcomes for their patients?

19 MR. WALKER: Object to form.

20 A. I think that's an assumption that you're
21 saying that that same mesh would provide the same function
22 and efficacy when used for a sling. So I don't know that,
23 again, you can compare the mesh for that product versus the
24 mesh for a sling product unless you had, you know,
25 countless number of patients to compare it. I mean, just

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1 because it does the job for one particular problem, I don't
2 think you can just assume it's going to be effective in the
3 same -- for a sling.

4 Q. Would that also be true with regards to
5 the use of hernia mesh in the abdomen versus hernia mesh in
6 the pelvis?

7 A. Yeah, that's the same thing. Until you
8 get studies that show it's effective and safe, then I think
9 you should always, you know, make sure you're wary of any
10 type of crossover utilization of products.

11 Q. In the section on page 8 under
12 Tension-Free Vaginal Tape, the second paragraph, mid
13 paragraph, you talk about prolene sutures being composed of
14 polypropylene. They contain antioxidants to prevent the
15 polymer degradation.

16 In that section, are you saying that you
17 have an understanding as to whether or not polypropylene
18 can degrade?

19 A. I don't know all the details of why the
20 antioxidants are put in there. I think that, you know, as
21 we discussed earlier, there's nothing that proves that
22 prolene dissolves. Could there be some things that can
23 help it stay sturdier and stronger? Possibly the
24 antioxidants. Again, I'm not a biochemist so I don't know
25 the details of that. But I'm assuming it would just be

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1 something to help continue to keep its strength.

2 Q. Are you planning to offer any opinions in
3 this case with regards to whether or not polypropylene used
4 in the prolene devices that make up the products we're here
5 to talk about today, whether or not that polypropylene
6 degrades?

7 MR. WALKER: Object to form.

8 A. My opinion is that the prolene does not
9 degrade. And so if you're asking me if I have an opinion
10 about it, yes, I do. That's my opinion. If you're asking
11 me from a biochemist's standpoint what occurs at the
12 cellular level, molecular level, I can't tell you all that.
13 I can just tell you from a clinician, having used prolene
14 suture for many years, doing transplants and other things,
15 that later, when we go back, the prolene mesh is still
16 there. If it wasn't still there, there would be a lot of
17 problems with the prolene -- I mean, the prolene suture,
18 not the mesh -- but the prolene suture would be off the
19 market. So in my estimation, there's no sign of any
20 degradation of or loss of structure of the prolene sutures.

21 Q. So based on that, is it fair to say that
22 you will be basing your opinions off of your experience
23 with the device rather than your understanding of the
24 science behind the concept; is that correct?

25 MR. WALKER: Object to form.

Brian D. Parker, M.D

1 A. Can you be more specific how you ask that
2 question? Are you asking me from a biochemical standpoint
3 am I able to give you the composition of the prolene mesh?
4 If you're asking me that, I can say I'm not here to comment
5 on that. If you're asking me to say when that prolene mesh
6 is outused in patients, what happens to it, does it degrade
7 or not, I can certainly answer that without any hesitation.

8 Q. I guess that's what I'm getting at. Have
9 you reviewed anything in your preparation to draft a report
10 in this case that gave you an understanding from a polymer
11 standpoint whether or not the polypropylene used in this
12 device is appropriate in this application?

13 A. I can't comment from a biochemist's
14 standpoint, so I will not provide any insight as far as how
15 this thing is put together; only from a clinical
16 standpoint.

17 Q. In the section on page 9 under TVT
18 Complications and Side Effects, you talk again about the
19 literature and reviewing it to determine the risks and
20 complications associated with all mesh procedures, and
21 you've listed a couple of studies in this section.
22 Specifically with regard to your discussion on dyspareunia,
23 you suggest that "It's a well-known complication that can
24 follow any vaginal surgery whether mesh is used or not. It
25 is also prevalent among women, especially those that are